FORM PTO-1449	Docket Number (Optional)	Application Number 10/601,262			
O 1 P ENFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant Ye Liu et al.				
SEP 2 4 2003 in (Use several sheets if necessary)	Filing Date June 20, 2003	Group Art Unit			

U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
All	6,486,214	Nov. 26, 2002	Uhrich	514	772.5	Jul. 27, 2000	
11:	6,217,912	Apr. 17, 2001	Park et al.	424	501	Jul. 13, 1999	
	6,153,596	Nov. 28, 2000	Liotta, et al.	514	44	Dec. 18, 1997	
	6,267,987	Jul. 31, 2001	Park et al.	424	486	Dec. 11, 1998	
M	6,210,717	Apr. 3, 2001	Choi et al.	424	501	Dec. 11, 1998	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER		COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	NUMBER					YES	NO
-AAI -	WO 01/97781 A1	27.12.2001	PCT	A61K	9/14		
-2'	0 483 429 A1	06.05.92	Europe	C08G	67/04		
	WO 03/000776 A1	03.01.2003	PCT	C08G	79/04		
	WO 02/31025 A2	18.04.2002	PCT	C08G	73/02		
AM	WO 02/092667 A1	21.11.2002	PCT	C08G	79/04		

				OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
A	7	AH,		Lynn, D.M., Langer R. "Degradable poly(β-amino esters): Synthesis, Characterization, and Self-Assembly with Plasmid DNA", <i>Journal of American Chemical Society</i> , 2000, 122, 10761.
,			×	Lynn, D.M., Anderson D.G., Putnam D., Langer R. "Accelerated Discovery of Synthetic Transfection Vectors: Parallel Synthesis and Screening of a Degradable Polymer Library", Journal of American Chemical Society, 2001, 123, 8155.
			X	Lynn, D.M., Amiji, M.M., Langer, R. "pH-Responsive Polymer Microspheres: Rapid Release of Encapsulated Materials within the Range of Intercellular pH", Angew. Chem. Int. Ed. 2001, 40(9), 1707.
		1	X	Gao, C., Tang, W., Yan D.Y., "Synthesis and Characterization of Water-Soluble Hyperbranched Poly(ester amine)s from Diacrylates and Diamines, Journal of Polymer Science Part A: Polymer Chemistry, 2002, 40, 2340
HH		PK	1×	Wang J., Mao, H.Q., Leong K.M., "A novel Biodegradable Gene Carrier Based on Polyphospoester, <i>Journal of American Chemical Society</i> , 2001, 123, 9480.

<u> </u>			
SEP 2 4	2883		Wang, J., Zhang, P.C., Lu, H.F., Ma, N., Wang, S., Mao, H.Q., Leong, K.M., "New polyphosphoramidate with a spermidine side chain as a gene carrier", <i>Journal of Controlled Release</i> , 2002, 83, 157.
Representation of the second	فنتثن	X	Lim, Y.B., Kim, C.H., Kim, K., Kim, S.W., Park, J.S., "Development of a safe gene delivery system using biodegradable polymer, poly(α-(4-aminobutyl)-L-glycolic acid)", Journal of American Chemical Society, 2000, 122, 6524.
		×	Lim, Y.B., Kim, S.M., Suh, H., Park, J.S., "Biodegradable, endosome disruptive, and cationic network-type polymer as a highly efficient and nontoxic gene delivery carrier", <i>Bioconjugate Chemistry</i> , 2002, 13, 952.
	Ø4	1 x	Oupicky, D., Parker, A.L., Seymour, L.W., "Laterally satabilized complexes of DNA with linear reducible polycations: strategy for triggered intracellular activation of DNA delivery vectors", Journal of American Chemical Society, 2002, 124, 8.
	\	ł	
<u> </u>			
			·
		_	
,	1		
EXAMINE	RA	MIL	DATE CONSIDERED:
			citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in

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of the month in the elite of publication is not available of



FORM PTO-1449	Docket Number (Optional) 6565-66243/RJP	Application Number 10/601,262		
INFORMATION DISCLOSURE CITATION	0303-002-13/101	10/001,202		
IN AN APPLICATION	Applicant			
	Ye Liu et	al.		
(Use several sheets if necessary)	Filing Date June 20, 2003	Group Art Unit		

U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
				<u> </u>		

	FOREIGN	PATENT DOCU	MENTS			
DOCUMENT NUMBER	DATE CO	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
					YES	NO
	· · · · · · · · · · · · · · · · · · ·				ļ	

·	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
AH *	Liu, Y., Wu, D., Ma, Y., Tang, G., Wang, S., He, C., Chung, T., Goh, S. "Novel poly(amino ester)s obtained from Michael addition polymerizations of trifunctional amine monomers with diacrylates: safe and efficient DNA carriers", <i>Chemical Communications</i> , 2003, 20, 2630.
	•
EXAMINER!	DATE CONSIDERED:
	citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in lered. Include copy of this form with next communication to applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE CITATION

Attorney Docket Number 6565-66243-01 Application Number 10/601,262

Applicant

Ye Liu et al.

(Use several sheets if necessary)

IN AN APPLICATION

Filing Date June 20, 2003 **Group Art Unit** 2872

U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
48	5,180,424	Jan. 19/93	Hutter	106	20	
1		<u> </u>				

FOREIGN PATENT DOCUMENTS						
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANS	LATION
		-			YES	NO
						-
		DOCUMENT DATE	DOCUMENT DATE COUNTRY	DOCUMENT DATE COUNTRY CLASS	DOCUMENT DATE COUNTRY CLASS SUB-CLASS	DOCUMENT DATE COUNTRY CLASS SUB-CLASS TRANSI

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
P	J. Jagur-Grodzinski, "Biomedical application of functional polymers", Reactive & Functional Polymers, 39 (1999) 99-138.					
. /						
EXAMINER:	DATE CONSIDERED:					
	nitial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in at considered. Include copy of this form with next communication to applicant.					
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FORM PTO-1449	Docket Number (Optional)	Application Number 10/601,262	
INFORMATION DISCLOSURE CITATION			
IN AN APPLICATION	Applicant		
	Ye Liu et al.		
(Use several sheets if necessary)	Filing Date June 20, 2003	Group Art Unit	

-		U.S. PA	TENT DOCUMEN	TS		
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

		FOREIGN	PATENT DOC	UMENTS			
	DOCUMENT NUMBER	DATE	COUNTRY	COUNTRY CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
PH	WO 2004/106411 A2	Dec. 9/04	EP	C08G	73/00		
				-			

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
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1, HZg	Marit	7/06		
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